

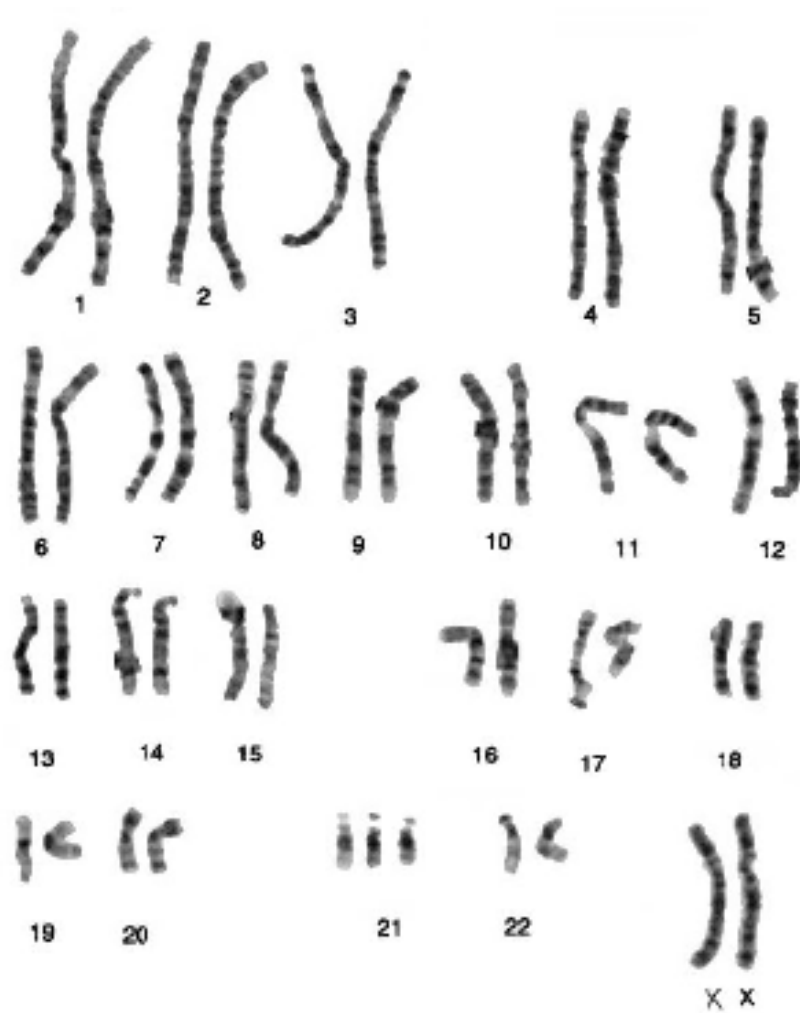
Genetic Disorders Notes Review

Name: _____ Date: _____

Group: _____ Section: _____

- 1) Identify the two major causes of genetic disorders in humans.
- 2) How are the cells of a person with Down Syndrome different from a person without the disorder?
- 3) What is a pedigree and how is it useful in understanding genetic disorders?
- 4) What is a karyotype and how would it reveal whether someone has Down Syndrome or not?
- 5) How are genetic disorders diagnosed and treated?

Performance Task: Chromosomes



1. How does the number of chromosomes compare to the usual number of chromosomes in human cells?
2. How do you think a cell could have ended up with this number of chromosomes? (Think about the events of Meiosis.)